



**The Urban District Council of
Havant and Waterloo**



ANNUAL REPORT
OF THE
MEDICAL OFFICER OF HEALTH
FOR THE YEAR 1949

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HEALTH COMMITTEE, 1949—50.

Chairman of the Council:

MR. E. W. BORROW, J.P., C.C.

Vice-Chairman:

COMDR. G. V. A. PHELIPS, R.N.

Chairman of Committee:

CLLR. MRS. M. E. WEEKES.

Vice-Chairman of Committee:

CLLR. R. P. PAGE, F.R.I.C.

Members of Committee:

CLLR. E. W. BORROW	CLLR. A. E. JONES, M.C.
„ F. BARNES	„ A. J. KILLE
„ V. G. A. GAUNTLETT	„ W. E. MATTHEWS
„ MRS. P. HERRIOTT	„ G. V. A. PHELIPS
„ I. A. HORTON	„ W. J. J. WILSON

MEMBERS OF HEALTH DEPARTMENT STAFF.

Medical Officer of Health:

N. C. LENDON, M.A., M.B., B.Chir. (Cantab), L.M.S.S.A.
D.P.H.(Lond.).

Chief Sanitary Inspector:

A. W. R. TURNBULL, M.R.San.I., M.S.I.A.
Also Meat and Food Inspector.

Additional Sanitary Inspector:

MR. L. H. HAYWARD, M.R.San.I., M.S.I.A.
Also Meat and Food Inspector.

Clerk:

MISS M. D. MILNE,

The Urban District Council of Havant and Waterloo.

Public Health Department,
Town Hall,
HAVANT.

To the Chairman and Members of the Urban District
Council of Havant and Waterloo.

Mr. Chairman, Ladies and Gentlemen.

I have the honour to present the Annual Report on the Health of this Urban District for the year 1949.

There has been no epidemic of any serious infectious disease during the year, and the general state of health of the population has been very satisfactory.

As compared with 1948, we are pleased to observe that there has been a decrease in the Still Birth Rate and a slight increase in the Birth Rate. The Infant Mortality, Maternal Mortality and Death Rates compare very favourably with the Rates for the rest of the country. There has, however, been a considerable increase in the Illegitimate Mortality Rate.

There has been further re-organisation and improvement in the administration of the Department, recommendations have again been made concerning the increased duties of the Medical Officer of Health and the need for an Additional Sanitary Inspector.

Consideration has been given to the making up of Private Streets and further detailed attention has been given to the arrangements for the accommodation of holiday makers in the district.

The determination of the source of typhoid contamination of sewage in the District has been successfully concluded. Following the recommendations that have been sent to the Minister of Health, I am pleased to record that he has now given authority for the building of the new Sewage Disposal Works; these Sewage Works will provide a greatly improved method of sewage disposal replacing many of the obsolete and inefficient works now in use and will undoubtedly be of great benefit to the community.

I would again like to record my appreciation of the work done in the District by General Practitioners who have given us so much assistance in the control of Infectious Diseases.

In conclusion I tender my sincere thanks to the Members of the Public Health Committee and the Council for their continued support, and to express my appreciation of the efficiency of the Chief Sanitary Inspector and the Clerk of the Department, and for their co-operation and assistance during the year.

I have the honour to be,

Your obedient Servant,

N. C. LENDON,

Medical Officer of Health.

Annual Report of the Medical Officer of Health.

SUMMARY FOR 1949.

Civil Population (estimated to the middle of 1949)

Registrar General's Estimate	30,800
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1. General Statistics.

Area in Acres (land and inland water)	12,074
Population (Census 1931)	20,991
Sum represented by a Penny Rate	£1,050
Rateable Value (1st April, 1949)	£264,213
Number of Inhabited Houses	11,205

2. Extracts from Vital Statistics.

LIVE BIRTHS	Total	Males	Females
Legitimate	474	232	242
Illegitimate	26	12	14

Birth Rate per 1,000 Population, 16.23.

STILL BIRTHS

Legitimate	4	2	2
Illegitimate	—	—	—

Still-Birth Rate per 1,000 (Live and Still Births), 7.94.

DEATHS

Death rate per 1,000 Population, 13.18.

MATERNAL DEATHS

Death from Puerperal Sepsis	0
Deaths from other Puerperal Causes	1

Maternal Mortality Rate per 1,000 Births, 1.98.

INFANTILE MORTALITY

	Total	Males	Females
Legitimate	9	6	3
Illegitimate	2	—	2

Infant Mortality Rate per 1,000 Live Births 22.0

Legitimate Infants per 1,000 legitimate live births 18.99

Illegitimate Infants per 1,000 illegitimate live births 76.92

Comparison with previous year and with the rates for England and Wales (1948):

	1949	1948	England & Wales 1948
Infant Mortality Rate	22.0	21.36	33.9
Maternal Mortality Rate	1.98	0	0.86
Still-birth Rate	7.94	17.18	23.2
Death Rate	13.18	9.7	11.0
Birth Rate	16.23	15.42	17.8

Infant Mortality by Cause—All Infants under 1 year:

	England & Wales	
	1949	1948
Bronchitis and Pneumonia	6.0	6.3
Premature Birth	10.0	8.4
Injury at Birth	4.0	2.6

1 Infant Death in addition, returned by Registrar General, but not recorded in Department.

CAUSES OF DEATH

1. Tuberculosis of Respiratory System	...	...	9
2. Other Tuberculosis	...	...	0
3. Syphilis	...	...	4
4. Influenza	...	...	4
5. Measles	...	...	0
6. Acute Poliomyelitis	...	...	0
7. Cancer	...	...	61
8. Diabetes	...	...	0
9. Cerebral Haemorrhage	...	...	55
10. Heart Disease	...	...	131
11. Other Circulatory Diseases	...	...	14
12. Bronchitis	...	...	12
13. Pneumonia (all forms)	...	...	19
14. Other Respiratory Diseases	...	...	6
15. Peptic Ulcer	...	...	10
16. Appendicitis	...	...	1
17. Other Digestive Diseases	...	...	8
18. Nephritis	...	...	15
19. Puerperal and Post-Abortive Sepsis	...	...	0
20. Other Maternal Causes	...	...	1
21. Congenital Malformation or Birth Injury	...	...	5
22. Premature Birth	...	...	4
23. Suicide	...	...	5
24. Road Traffic	...	...	2
25. Other Violent Causes	...	...	8
26. All Other Causes	...	...	32
Total			406

PREVALENCE OF, AND CONTROL OVER, INFECTIOUS DISEASES.

NOTIFIABLE DISEASES (OTHER THAN TUBERCULOSIS) DURING THE YEAR 1949.

Disease	Total cases notified	Cases admitted to Hospital
Measles	400	—
Scarlet Fever	18	8
Whooping Cough	10	—
Food Poisoning	7	2
Poliomyelitis	5	5
Puerperal Pyrexia	1	1
Lobar Pneumonia	1	—
Influenza Pneumonia	1	—
Erysipelas	2	2

**Total No. of cases of Infectious Diseases (or suspected cases)
reported by Head Teachers on Form I.D.2 for the year 1949**

					No. of Pupils
Purbrook Primary School	...	...	...	44	303
Havant R.C.	"	...	...	7	90
Purbrook C. of E.	"	...	...	6	81
Emsworth Primary	"	...	...	30	425
Havant Primary	"	...	...	43	373
Waterloo Primary	"	...	...	61	206

					No. of Pupils
Cowplain County Secondary School					813
Cowplain Junior					320
Purbrook County High School					550
Havant C. of E. School			Nil		70
Hayling Island Council School					500
Bedhampton Council School					174
Emsworth C. of E. School					169
Havant Secondary					211

Table showing above Returns in Diseases

Disease				Nos.
Measles	...	...	...	96
Chicken-Pox	...	...	...	45
Mumps	...	...	...	43
Scarlet Fever	...	...	...	5
Poliomyelitis	...	...	...	2

Table showing Returns in Diseases in Schools

Disease	School	Total	5—7	7—10	10 on-wards
Measles	Purbrook Primary	28	25	3	—
Chicken-Pox	" "	12	7	5	—
Mumps	" "	2	2	—	—
Scarlet Fever	" "	2	1	1	—
Measles	Havant R.C.	6	4	2	—
Mumps	" "	1	1	—	—
Measles	Purbrook C. of E.	6	6	—	—
Measles	Emsworth Primary	11	10	1	—
Mumps	" "	19	1	18	—
Measles	Havant Primary	20	16	4	—
Mumps	" "	21	8	13	—
Poliomyelitis	" "	2	1	1	—
Measles	Waterloo Primary	25	20	4	1
Chicken-Pox	" "	33	4	21	8
Scarlet Fever	" "	3	1	2	—
		191	107	75	9

Emphasis has continued to be laid on the need for efficient ventilating arrangements as a means of preventing many of the communicable diseases.

There has been a considerable decrease in the number of notifications of Whooping Cough and a decrease also in the number of notifications of Scarlet Fever. The increased number of cases of measles notified conforms with the biennial epidemic nature of this disease.

Five cases of Poliomyelitis were notified during 1949. There has only been one epidemic of food poisoning, limited to one family, and there were no notifications of Diphtheria during the year.

The family involved in the outbreak of food poisoning consisted of 5 persons. There were no deaths.

The causative organism was found to be *Salmonella typhimurium*. Any infected food which may have been involved was not traced.

TUBERCULOSIS

Age Period	NEW CASES				DEATHS			
	Respiratory Male	Non-Respiratory Female	Respiratory Male	Non-Respiratory Female	Respiratory Male	Non-Respiratory Female	Respiratory Male	Non-Respiratory Female
0—1	—	—	—	—	—	—	—	—
1—5	1	1	—	2	—	—	—	—
5—15	—	—	—	—	—	—	—	—
15—25	3	3	—	—	2	1	—	—
25—35	7	2	—	—	—	1	—	—
35—45	6	—	—	—	—	—	—	—
45—55	3	1	—	—	2	—	—	—
55—65	—	1	—	—	—	—	—	—
65 & over	1	1	—	—	—	1	—	—
TOTAL	21	9	—	2	4	3	—	—

HAVANT CHEST CLINIC

The following report has been compiled by the Administrative Chest Physician, Winchester.

"The Havant Clinic serves a population of 55,000 from the Petersfield Urban and Rural Districts as well as from Havant and Waterloo Urban District.

Total Attendances

1949.	1948.
2,034.	1,606.

Contacts examined for first time

1949.	1948.
166.	144.

Cases of Tuberculosis on Clinic Register at the end of

	1949	1948
Respiratory	215	209
Non-Respiratory	56	55

DIPHTHERIA IMMUNISATION

Immunisation is carried out by General Practitioners, School Medical Officers, and at all Child Welfare Clinics in the District.

The following number of children have been immunised during the year.

Primary Innoculations		Re-innoculations
Under 5 years	Over 5—14 years	
416	99	775

General Provision of Public Health Services for the Area.

TREATMENT CENTRES AND CLINICS.

The following services are provided by the County Council:—

- Ante-natal, Maternity and Child Welfare Clinics.
- Asthma Clinic (Portsmouth and Winchester).
- Child Guidance Clinic.
- Dental Clinics.
- Food and Drugs (Sampling etc.).
- Foster Children.
- Health Visiting.
- Mental Health Services.
- Minor Ailments Clinic.
- School Health Services.
- Special Schools (Open Air etc.).
- Speech Therapy.
- Treatment Centre for Verminous Children.
- Diphtheria Immunisation.
- Domestic Help Service.

The Public Health Services of this Local Authority include:—

Housing Surveys—Social Medicine, Overcrowding, etc.

Hygiene and Sanitation.

Defects and Unfitness.

Infectious Diseases—Prevention and Control.

Disinfection and Disinfestation.

Scabies Clinic.

Rodent Control.

Sanitary Services—Cowsheds.

Food Premises—Supervision of
Hygiene and Sanitation.

Milk and Dairies.

Sanitation.

Sewage Disposal and Drainage.

Water.

The Child Welfare Clinics are held at the following times:—At **Havant**, held at the County Council Health Centre, Park Way, on the second and fourth Tuesdays at 9.30 a.m. and at 1.30 p.m.; at **Hayling North**, held in the Recreation Hall on the first and third Tuesdays at 2 p.m. only, and at **Hayling South**, held at St. Mary's Institute on the first and third Wednesdays at 9.30 a.m. and 1.30 p.m.; at **Purbrook**, held in the Deverell Hall on the second and fourth Wednesdays at 2.0 p.m. and at **Waterlooville** held in St. George's Hall on the second and fourth Thursdays at 2.30 p.m.

At Emsworth, the Child Welfare Clinic is held in the Church Hall on the second and fourth Fridays at 2.0 p.m., Dr. E. B. McDowall, D.S.C., M.B., B.Chir. (Cantab)., being Medical Officer.

The Minor Ailments Clinic for all School Children in the area is held at the Havant Health Centre on Fridays at 9.30 a.m.

Inspections of Nursing Homes, visits in connection with Infant Life Protection and Mental defective visiting have also been carried out in the District, assisting the County Medical Officer.

The Medical Supervision of Expectant Mothers is carried out at Clinics provided by the County Council; in this District at Havant in the County Council Health Centre, Park Way, on the 2nd and 4th Mondays at 2.0 p.m. the Medical Officers being Dr. M. S. Dewhurst, M.B., B.Chir. (Cantab). and Dr. P. J. Fawkner-Corbett, M.B., B.S.(Lond.); at Hayling Island at "Lindisfarne," Beach Road, South Hayling, on the 1st Fridays at 2.0 p.m., the Medical Officer being Dr. A. Brenan, M.R.C.S., L.R.C.P.

No ante-natal clinics are held in the Western half of the District, private arrangements being made by the patients with their Medical Practitioners.

LABORATORY FACILITIES.

The Public Health Laboratory at Winchester and the newly established Laboratory at Portsmouth, have provided full facilities.

DOMESTIC HELP SERVICE. (HOME HELP SERVICE).

The Home Help Service is provided by the County Council, and is operated by the Public Health Committee as a Sub-Committee of the County Health Committee.

The statistics for the year ended 31st December, 1949, are as follows:—

			Maternity	Ordinary
Cases on Register at 1-1-49	...	...	6	25
New cases for quarter ended	31-3-49	...	13	24
" " " "	30-6-49	...	11	20
" " " "	30-9-49	...	15	8
" " " "	31-12-49	...	6	12
			—	—
			51	89
			—	—

Total number of cases assisted, 140.

Of the above number, 5 tubercular cases were assisted.

The Service has become more widely known among the residents of this area and the demand for the services of Home Helps is increasing.

SCABIES.

The number of cases treated for Scabies shows another decrease on the previous year, being 7 compared with 48.

The number is made up as follows:—

		M.	F.	Total
Under 5 years	...	—	2	2
5—15 years	...	1	4	5
Over 15 years	...	—	—	—
				7
				—

During December, 1949, arrangements were made between this Council and the Petersfield Rural District Council, for cases in the Petersfield Rural area to be treated in the Clinic at Havant.

CLINIC FOR THE TREATMENT OF VERMINOUS CHILDREN.

The number of Verminous Children (Heads) treated was 23.

HAYLING ISLAND — FIRST AID SERVICE.

The First Aid Hut at Hayling Island was manned by the local Detachment of the British Red Cross Society every week-end from Easter Sunday and every day from the middle of July to the middle of September. The number of casualties treated during this period was 1,952 including several Hospital cases, severe cuts to feet and hands and wasp stings. Lost children cared for numbered over 200.

A First Aid Hut was provided at the Eastoke end of Hayling Island and manned by Representatives of St. John Ambulance Brigade, Emsworth Division. It was manned every week-end and over 200 casualties were dealt with.

The Sanitary Circumstances of the Area.

WATER SUPPLY.

A detailed description of the Water Supply was given in last year's Report and as there has been no important alteration in the arrangements for the supply of water to this District, it will be sufficient to record that there has been an ample supply of pure and wholesome water suitable for drinking. As before, repeated Bacteriological Examinations of the treated water have given most satisfactory results.

Samples of raw water have been sent by this Department for Bacteriological Examination.

ANALYSIS OF A SAMPLE OF WATER received on 11th August, 1949, from Portsmouth Waterworks Company. Labelled Tap, Company's Head Office, Commercial Road, Portsmouth.

Dated 10-8-49, 9.45 a.m. Taken by H. W. Benney.

Signed W. H. Benney.

CHEMICAL RESULTS IN PARTS PER MILLION.

Appearance Clear and bright.

		Turbidity (Silica Scale)	Nil
Colour (Hazen)		Odour—Slightly chlorinous	
Reaction pH	7.3	Free Carbon Dioxide	15
Electric Conductivity at 20°C.	430	Total Solids, dried at 180°C.	285
Chlorine in Chlorides	15	Alkalinity as Calcium Carbonate	205
Hardness: Total 240			
Carbonate (Temporary)	205	Non-carbonate (Permanent)	35
Nitrogen in Nitrates	2.8	Nitrogen in Nitrites less than	0.01
Free Ammonia	0.000	Oxygen absorbed in 4 hrs. at 27°C.	0.00
Albuminoid Ammonia	0.000	Residual Chlorine	Absent
Metals	Absent		

BACTERIOLOGICAL RESULTS.

	1 day at 37°C.	2 days at 37°C.	3 days at 20°C.
Number of Bacteria growing on Agar per cc. or ml. in	1	1	1
Presumptive Coliform Reaction	Present — Absent 100 ml.		
Bact. Coli.	Present — Absent 100 ml.		
Cl. welchii Reaction	Present — Absent 100 ml.		

This is a very satisfactory sample. It is clear and bright in appearance and of the highest standard of bacterial purity consistent with a wholesome water suitable for drinking and domestic purposes.

RIVERS AND STREAMS

The Millpond at Emsworth which was previously found to be in a state prejudicial to health, following cleaning and canalisation, has been maintained in a satisfactory condition.

A detailed inspection of streams carrying effluent from the Hart Plain Avenue and Hambledon Road Sewage Works following heavy rainfall showed that there was no flooding and the possibility of any infection arising therefrom was considered to be very remote.

WELLS

As far as is known to the Public Health Department, there are now 10 houses which still obtain their water from wells—a decrease of 2 from the previous year.

Many of these remaining 10 are in relatively inaccessible localities.

DRAINAGE AND SEWERAGE

Authority has now been given for the building of the new Sewage Disposal Works. When completed, it is anticipated that these Works will effectively treat nearly all of the Sewage from the Mainland, thus replacing all of the obsolete and inefficient Sewage Works which are now being used.

Although general surveys have shown that the Hayling Sewage Works are apparently often overloaded and unable to treat the sewage effectively, it will not be possible to consider this matter in detail until a report is received from the Consulting Engineer.

During 1949, difficulties have continued in regard to Drainage and Sewerage in the Area, due to the overloading of the various sewage works, particularly those in Hambledon Road and Hayling Island. The flooding at Penjar Avenue, Purbrook, was partially overcome by the installation of the Purbrook Relief Sewer, a 15" sewer running from the Pumping Station in Westbrook Grove to Hulbert Road Sewage Works in place of a 9" sewer.

Approval has been given to the building of four additional Public Conveniences at Hayling Island, and it is hoped that they will soon be completed.

The source of typhoid contamination of Sewage in this District was successfully traced by an entirely new method of investigation and action was taken to prevent the spread of any infection from this source

PUBLIC CLEANSING.

There is a weekly collection of refuse throughout the whole of the District and for this purpose the Council uses 7—10 cubic yard vehicles. The average daily collection is 48 tons, making an average weekly collection of 250 tons, or 12,052 tons annually. The refuse is deposited either at Southmoor, Havant, or in the vicinity of the Sewage Works on Hayling Island, by “open tipping” at Havant and “controlled tipping” at Hayling Island.

There are still approximately 350 cesspits in the District—about half of these are on the mainland and the remainder on Hayling Island.

PRIVATE STREET WORKS

Special Reports on Private Street Works in the Eastoke Peninsular area of Hayling Island and in the Purbrook area were sent to the Ministry of Health on February 1st and February 15th respectively.

Recommendations concerning the order of priority for the making up of roads in this Urban District, from the Public Health point of view, were prepared in June.

SANITARY INSPECTION OF THE AREA.

Number of Complaints received	446
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VISITS AND INSPECTIONS

Total number of visits made by Inspectors	3,148
Public Health Act Visits	175
Public Health Act Re-visits	...	...	...	117
Housing Act Visits	...	...	...	703
Housing Act Re-visits	...	...	...	250
Drainage Visits	...	...	...	54
Drainage Re-visits	...	...	...	23
Drains Tested	...	...	...	25
Cesspools	...	...	...	8
Sewage Works	...	...	...	15
Refuse Tips	...	...	...	5
Watercourses and Ditches	...	...	...	20
Verminous Premises	...	...	...	12
Overcrowding	...	...	...	4
Moveable Dwellings and Holiday Camps	...	...	...	171
Infectious Diseases	...	...	...	50
Infectious Disease Contacts	...	...	...	3
Cowsheds	...	...	...	38
Dairies and Milkshops	...	...	...	91

Slaughtering	...	...	...	...	...	69
Milk Samples (Heat Treated and Pasteurised)	...	...	...	...	...	37
Milk Samples (Tuberculin Tested, Tuberculin Tested Pasteurised and Accredited)	...	...	...	...	...	23
Milk Samples (Ungraded)	...	...	...	...	...	5
Meat and Other Food Inspection (Unsound Food)	...	...	...	...	...	108
Factories	...	...	...	...	...	41
Accumulations	...	...	...	...	...	10
Interviews (Owners, Builders, etc.)	...	...	...	...	...	410
Water Samples	...	...	...	...	...	7
Swimming Bath Samples	...	...	...	...	...	6
Delivery of Samples	...	...	...	...	...	18
Ice-Cream Premises	...	...	...	...	...	131
Food Premises	...	...	...	...	...	71
Rodent Control	...	...	...	...	...	36
Mosquito Control	...	...	...	...	...	3
Hackney Carriages	...	...	...	...	...	7
Petroleum Act	...	...	...	...	...	31
Mortuaries	...	...	...	...	...	7
Police Court	...	...	...	...	...	4
Scabies	...	...	...	...	...	4
Disinfections	...	...	...	...	...	12
Committee	...	...	...	...	...	14
Council	...	...	...	...	...	11
Public Conveniences	...	...	...	...	...	9
Sewage Effluent Samples	...	...	...	...	...	63
Piggeries	...	...	...	...	...	6
Ice-Cream Samples	...	...	...	...	...	33
Miscellaneous	...	...	...	...	...	198
Smoke Abatement	...	...	...	...	...	3
Schools	...	...	...	...	...	2
Other Food Samples	...	...	...	...	...	1
Lectures and Conferences	...	...	...	...	...	4
Total						3,148

HOUSING ACT, 1936.

Informal Notices served	...	...	...	...	...	46
„ „ complied	...	...	...	...	...	26
Statutory Notices served	...	...	...	...	...	5
„ „ complied	...	...	...	...	...	3

PUBLIC HEALTH ACT, 1936.

Informal Notices served	...	...	...	...	...	27
„ „ complied	...	...	...	...	...	17
Statutory Notices served	1
„ „ complied	1

DRAINAGE.

Number of choked drains cleared	191
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INFECTIOUS DISEASES.

Houses disinfected	1
Rooms disinfected	43
Bedding and Clothing disinfected	29

VERMINOUS PREMISES.

Houses and other Premises disinfested	...	...	...	...	...	...	22
Rooms disinfested	...	...	...	...	...	...	4
Bedding destroyed	...	...	...	...	...	...	4
Ponds and Ditches disinfested	...	...	...	...	...	...	5

SUMMARY OF SANITARY WORK AND IMPROVEMENTS
UNDER PUBLIC HEALTH AND HOUSING ACT.

Roofs repaired or renewed	...	...	...	...	...	...	44
Eavesgutters repaired or renewed	...	...	...	...	...	...	23
Walls repaired or renewed	...	...	...	...	...	...	27
Drains repaired or renewed	...	...	...	...	...	...	28
Drains tested	...	...	...	...	...	...	8
Houses main-drained	...	...	...	...	...	...	5
Houses drained to New Cesspits	...	...	...	...	...	...	2
W.C. pans and sinks renewed	...	...	...	...	...	...	13
W.C. cisterns repaired or renewed	...	...	...	...	...	...	2
W.C. flush pipes repaired	...	...	...	...	...	...	2
Waste pipes repaired or renewed	...	...	...	...	...	...	3
W.C. seats repaired or renewed	...	...	...	...	...	...	2
Chimneys repaired or renewed	...	...	...	...	...	...	7
Floors and stairs repaired or relaid	...	...	...	...	...	...	35
Walls replastered	...	...	...	...	...	...	22
Wasp's nests destroyed	...	...	...	...	...	...	88
Ditches cleared	...	...	...	...	...	...	3
Yards relaid or repaired	...	...	...	...	...	...	4
Cesspits emptied by notice	...	...	...	...	...	...	3
Dangerous buildings demolished	...	...	...	...	...	...	1
Dampness remedied	...	...	...	...	...	...	13
Window frames and sashes repaired or renewed	...	...	...	...	...	...	33
Sash cords renewed	...	...	...	...	...	...	39
Window glazing renewed	...	...	...	...	...	...	14
Doors repaired or renewed	...	...	...	...	...	...	17
Ceilings repaired or renewed	...	...	...	...	...	...	34
Fireplaces repaired or renewed	...	...	...	...	...	...	8
Water supply provided or repaired	...	...	...	...	...	...	12
Accumulations or deposits removed	...	...	...	...	...	...	15
Dirty and/or Verminous premises cleansed	...	...	...	...	...	...	22
Dustbins provided	...	...	...	...	...	...	9
Washing coppers repaired or renewed	...	...	...	...	...	...	2

SUMMARY of UNSOUND FOOD condemned during 1949

		Cwts.	qrs.	lbs.
Beef (Imported)	Bone Taint and/or Decomposition	4	2	1
Beef (English)	Bone Taint and/or Decomposition and/or Bruised	1	3	16½
Beef (Offal)	Decomposition	3	0	14½
Beef (English)	Fatty Necrosis			4
Bacon	Decomposition		1	24½
Fish (including kippers, prawns, cod fillets)	Decomposition	1	3	1½
Cheese	Contaminated with liquid Bleach and/or Decomposition		2	21
Sausage Rusk	Contaminated with disinfectant	1	0	0
Sweets and Chocolates	Mould			20¾
105 Pkts. Pudding Mixture, Pastry Mix and Cake Flour	Mould		1	25¾
Cooked Foods (Haslet, Chitterlings, Black Pudding, Luncheon Sausage)	Decomposition		1	8
Suet	Mould			12½
Sausages	Sour			9
Soyaggetti	Stale			24
Locust Beans	Maggotty		3	2
2 Christmas Puddings	Mould			2
520 Tins Evaporated Milk	Blown and/or leaking	4	2	12¾
121 Tins Condensed Milk	„ „ „	1	0	9
162 Tins Peas	„ „ „	1	3	6
83 Tins Beans	„ „ „		2	15½
88 Tins Soup	„ „ „	1	0	12¼
83 Tins Vegetables (Beetroot, Carrot, Spinach, Turnips, Celery, Parsnips, Macedoines, Asparagus, Gherkins, Tomatoes and Tomato Juice)	„ „ „	1	0	19¾
136 Tins Fruit (Oranges, Orange Juice, Grapes, Grape Fruit Juice, Rhubarb, Plums, Pineapple, Apple Sauce, Pears, Apricots and Peaches)	„ „ „	1	3	3½

				Cwts. qrs. lbs.				
176	Tins Fish (Salmon, Sardines, Herrings, Pilchards, Cod, Brisling, Sild, Crawfish, Mussels, Herring Roes, Fishcakes)	„	„	„	3	27 $\frac{1}{4}$		
87	Tins fish paste (Crab and Cod Roe))	„	„	„		17 $\frac{1}{4}$		
23	Tins Spaghetti	„	„	„		21 $\frac{1}{2}$		
154	Tins Meat (Beef loaf, meat lunch, tongue, veal loaf, brawn, sausages)	„	„	„	1	1	14 $\frac{1}{2}$	
4	Tins bacon	„	„	„			4	
1	Tin Chocolate Pudding	„	„	„			$\frac{3}{4}$	
50	Tins Jams	„	„	„	3	1		
25	Tins Marmalade	„	„	„	1	18 $\frac{1}{2}$		
151	Jars Jam	Broken			1	0	19	
4	„ Honey	„					4	
4	„ Lemon Curd	„					4	
3	„ Mincemeat	„					3	
5	Tins Coffee	Stale					5	
2	Pkts. Cereals	Contaminated by mice					4	
60	Pkts. Coffee	Affected by dampness					15	
10	Tins Barley Flour	Mite					7 $\frac{1}{2}$	
3	Tins Onion Powder	„					$\frac{1}{2}$	
				<hr/>				
				Ton	1	13	1	12 $\frac{1}{2}$

Total weight of food condemned: 1 ton, 13 cwt., 1 qr., 12 $\frac{1}{2}$ lbs.

FACTORIES.

The number of inspections made during the year ...		...	41
Defects found in Factories:—			
Particulars		Found	Remedied
Sanitary Accommodation (Unsuitable or Defective)		2	2

MOSQUITO CONTROL.

The arrangement between the Council and the British Mosquito Control Institute has been continued throughout the Year and the following report has been provided by the Institute:—

"The maintenance of drainage and the killing off of any mosquito larvae not thereby dealt with, has constituted the greater part of the work done during the year. Very few adults have been seen on the wing.

"An old pond near Gutner Sluice has been filled in, as have some protective ditches in Tourner Marsh, made by the Navy when in occupation of Sunshine Camp. Developing new breeding places have been eliminated by drainage or cleaning choked ditch near Conigar Point, and near Fleet Farm, Hayling Island, respectively.

"A disused cesspool at Salterns was found heavily infested with larvae of the Salt-marsh mosquito, *Aedes detritus*.

"The new boating pool at Northney Camp was found over-filled, following high tides during July, August and September, and a nearby ditch and adjoining land with detached patches of water were found infested with larvae of both Salt-marsh mosquitoes. This part of the field had not been a breeding area and was very seldom flooded and the dominant species found here, *Aedes caspius*, has been considered as getting rare in the district. The origin of all these eggs and those of *Aedes detritus*, or the length of time they have been lying dormant make an interesting question.

"Following the dry summer weather many ditches dried out and the muddy bottoms cracked, and following rain many of those cracks were found to contain larvae that could only be dealt with by oiling.

"Some coastal ponds in Tourner Wood, Hayling, usually stocked with larval enemies, dried out during the summer, and on refilling by rain or high tide were heavily infested with *Aedes detritus* larvae and pupae, and had to be oiled before connecting up with a clean pond containing fish and shrimps.

"The Southleigh Farm Pond has been practically free of anopheline larvae during the year and very few have been seen elsewhere in the area. Very little Breeding has taken place in the Bedhampton, Langstone and Warblington Marshes."

RODENT CONTROL.

During 1949, the following reported infestations and reinfestations were dealt with:—

Business Premises	...	...	...	59
Reservoirs	...	...	...	3
Major	...	...	...	60
Minor	...	...	...	572

and the results were:—

Number of Bodies Found	...	...	1,467
Estimated Number Killed	...	...	11,935
Inspections made by Rodent Officer	...	...	1,218

All Council properties such as Sewers, Sewage Works, Refuse Tips, and Yards were given Routine Tests and Treatments.

HOUSING

Number of houses erected during the year 1949:—

(a) By Local Authority	...	...	...	170
Permanent	...	...	...	170
Temporary	...	...	...	NIL
(b) By Private Enterprise	...	...	...	39
(c) Rebuilt following War Damage	...	...	...	3

Communications concerning re-housing either for Public Health or medical reasons have been received by this Department either directly or indirectly from General Practitioners, Health Visitors, Members of the Public or through the Administrative Department concerned, and as it has been again found impossible to include a report from this Department, the following statistics are given without comment:—

Housing Communications received from Clerk	...	...	104
Housing Communications received from Health Visitors	...	...	8
Housing Communications received from General Practitioners	...	...	2
Housing Communications received from Members of the Public	...	...	2
Numbers of Housing Applications referred to Chief Sanitary Inspector	...	...	114
Numbers of Housing Applications referred to Health Visitors	...	...	53

RECOMMENDATIONS

made by Medical Officer of Health.

Very High Priority.	High Priority.	Not recommended on Medical Grounds.
Nil	14	4

ACTION TAKEN

Re-housed	Nil	9	11	1
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OVERCROWDING**Dwellings. Families. Persons.**

(a)	The number of dwellings overcrowded at the end of the year	3	6	26
(b)	The number of new cases reported	3	6	26
(c)	The number of cases of overcrowding relieved	1	1	10

HOLIDAY CAMPS AND MOVEABLE DWELLING SITES.

The beneficial effects of sea and sun and the improving arrangements for accommodation and recreation are attracting increasing numbers of holiday makers to the locality in the summer months; the numbers of winter residents are also increasing.

There are 6 Holiday Camps of the chalet type (4 of these being very large), and 10 Moveable Dwelling Sites, 7 of these having Unconditional Licences.

Although most of the Holiday Camps maintain a high standard of Hygiene and Sanitation, this cannot be said of many of the Moveable Dwelling Sites (occupied by nearly a thousand Caravans, converted caravans, buses, etc.), where, as before, there are few, if any, facilities for ablution and the arrangements for the disposal of sullage water and the contents of chemical and other closets are often non-existent or inadequate. Many visitors find difficulty in pitching their tents as the approved accommodation is so limited.

With greatly improved conditions we may anticipate that more and more holiday makers will visit and re-visit this locality in the future and that the numbers of permanent residents will also increase. It is to be recommended that every effort should be made to establish and maintain really satisfactory conditions of hygiene and sanitation.

MILK SUPPLY

On the last day for which this Authority was responsible for cowsheds (30th September, 1949) the number of farms producing milk was 41.

Tuberculin Tested	...	...	...	...	14
Accredited	...	...	...	...	13
Non-designated	...	...	...	...	14

During the year 65 samples were taken from producers and retailers in the district, made up as follows:—

Ungraded Milks	...	...	...	...	5
Pasteurised and Tuberculin Tested (Pasteurised)	...	...	...	...	48
Accredited Milks	...	...	...	...	4
Tuberculin Tested Milks	...	...	...	...	8

Of these only 4 failed to reach the prescribed standards.

The number of Dealer's Licences for the Sale of Tuberculin Tested milk is	...	...	...	...	...	...	7
The number of Dealer's Licences for the Sale of Pasteurised Milk is	...	...	...	...	...	...	2
The number of Supplementary Licences for the Sale of Tuberculin Tested milk is	...	...	...	...	...	...	2
The number of Supplementary Licences for the Sale of Pasteurised milk is	...	...	...	...	...	...	5
The number of Licences to produce Pasteurised milk is	...	...	...	...	...	...	2

The table below shows approximately the percentage of the various types of milk sold in the six wards in the Area:—

EMSWORTH

Tuberculin Tested Milk (Raw)	...	...	30%
Accredited Milk	...	...	5%
Tuberculin Tested (Pasteurised) and Pasteurised Milk	...	...	55%
Ungraded Milk	...	...	10%

HAVANT

Tuberculin Tested Milk (Raw)	...	...	10
Tuberculin Tested (Pasteurised) and Pasteurised Milk	...	...	90%

HAYLING ISLAND

Tuberculin Tested Milk (Raw)	...	...	25%
Tuberculin Tested (Pasteurised) and Pasteurised Milk	...	...	75%

COWPLAIN

Tuberculin Tested (Pasteurised) and Pasteurised Milk	...	...	70%
Ungraded Milk	...	...	30%

WATERLOOVILLE

Tuberculin Tested (Pasteurised) and Pasteurised Milk	100%
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PURBROOK

Tuberculin Tested (Pasteurised) and Pasteurised Milk	100%
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ICE CREAM

At the end of the year there were 16 premises registered for the manufacture, storage and sale of ice cream and 72 for storage and sale.

Of the 16 premises registered for manufacture, 7 were actually in production, the remainder being used for sale and storage only.

In view of the large number of retailers selling one or other of four well-known varieties of ice cream, samples were only taken from premises from which lesser known makes were sold or of the

ice cream produced in this district. A total of 33 samples were taken—7 of these were delayed in transit and received too late for examination by the Bacteriologist.

The results of the remainder were:—

Grade I	15
Grade II	4
Grade III	3
Grade IV	4

Where poor results were obtained a visit to the premises usually resulted in an improvement in the Bacteriologist's grading.

FOOD AND DRUGS ACT 1938—SECTION 13.

The above Section which deals mainly with protection against contamination of food, and hygiene and cleanliness of food premises, has been given attention throughout the year.

Owing to the large amount of other work which has to be carried out by the Sanitary Inspectors, routine inspections of food premises and the compilation of a complete Register of such premises cannot be undertaken.

The need for a Second Additional Sanitary Inspector is still acute.

